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**POWER OF ATTORNEY TO PROSECUTE APPLICATIONS BEFORE THE USPTO**

I hereby revoke all previous powers of attorney given in the application identified in the attached statement under 37 CFR 3.73(b).

I hereby appoint:

☒ Practitioners associated with the Customer Number:

69603

OR

☐ Practitioner(s) named below (if more than ten patent practitioners are to be named, then a customer number must be used):

Name	Registration Number	Name	Registration Number

as attorney(s) or agent(s) to represent the undersigned before the United States Patent and Trademark Office (USPTO) in connection with any and all patent applications assigned only to the undersigned according to the USPTO assignment records or assignment documents attached to this form in accordance with 37 CFR 3.73(b).

Please change the correspondence address for the application identified in the attached statement under 37 CFR 3.73(b) to:

☒ The address associated with Customer Number:

69603

OR

<input type="checkbox"/> Firm or Individual Name			
Address			
City	State	Zip	
Country			
Telephone	Email		

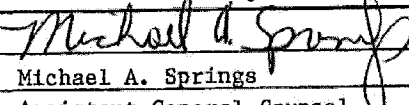
Assignee Name and Address:

Bank of America Corporation  
101 South Tryon Street  
Charlotte, NC 28255

A copy of this form, together with a statement under 37 CFR 3.73(b) (Form PTO/SB/96 or equivalent) is required to be filed in each application in which this form is used. The statement under 37 CFR 3.73(b) may be completed by one of the practitioners appointed in this form if the appointed practitioner is authorized to act on behalf of the assignee, and must identify the application in which this Power of Attorney is to be filed.

**SIGNATURE of Assignee of Record**

The individual whose signature and title is supplied below is authorized to act on behalf of the assignee

Signature		Date	6/7/07
Name	Michael A. Springs	Telephone	704-388-6952
Title	Assistant General Counsel		

This collection of information is required by 37 CFR 1.31, 1.32 and 1.33. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 3 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.



UNITED STATES DEPARTMENT OF COMMERCE  
Patent and Trademark Office  
ASSISTANT SECRETARY AND COMMISSIONER  
OF PATENTS AND TRADEMARKS  
Washington, D.C. 20231

SEPTEMBER 09, 2002

PTAS

MORRISON & FOERSTER LLP  
THOMAS L. TREFFERT  
425 MARKET STREET  
SAN FRANCISCO, CALIFORNIA 94105-2482

**\*700016984A\***

\*700016984A\*

UNITED STATES PATENT AND TRADEMARK OFFICE  
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 09/06/2002

REEL/FRAME: 013062/0635  
NUMBER OF PAGES: 4

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

CONCORDE SOLUTIONS, INC.

DOC DATE: 08/02/2002

ASSIGNEE:

BANK OF AMERICA CORPORATION  
100 NORTH TRYON STREET  
CHARLOTTE, NORTH CAROLINA 28255

SERIAL NUMBER: 09360103

FILING DATE: 07/23/1999

PATENT NUMBER:

ISSUE DATE:

ALLYSON PURNELL, EXAMINER  
ASSIGNMENT DIVISION  
OFFICE OF PUBLIC RECORDS

SEP. 6. 2002 11:19AM

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NO. 992 P. 2

09/06/2002  
700016984

U.S. DEPARTMENT OF COMMERCE

RECORDATION FORM COVER SHEET  
PATENTS ONLYPatent and Trademark Office  
Docket No. 007532000500

To the Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):  
Concorde Solutions, Inc.Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of conveyance:

☒ Assignment☐ Security Agreement☐ Other:☐ Merger☐ Change of Name

Execution Date: August 2, 2002

2. Name and address of receiving party(ies):

Name: Bank of America Corporation

Internal Address:

Street Address: 100 North Tryon Street

City: Charlotte, State: North Carolina ZIP: 28255

Additional name(s) & address(es) attached? ☐ Yes ☒ No

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is:

A. Patent Application No.(s)

09/360,103 (filed July 23, 1999)

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning document should be mailed:

Thomas L. Treffert

Morrison &amp; Foerster LLP

425 Market Street

San Francisco, California 94105-2482

6. Total number of applications and patents involved: 1

7. Total fee (37 C.F.R. § 3.41): \$40.00

☐ Enclosed☒ Authorized to be charged to deposit account,  
referencing Attorney Docket 007532000500

8. Deposit account number: 03-1952

The Commissioner is hereby authorized to charge any fees under 37 C.F.R. § 1.21 that may be required by this paper, or to credit any overpayment to Deposit Account No. 03-1952.

## DO NOT USE THIS SPACE

9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Name: Thomas L. Treffert

Registration No: 48,279

Signature

Date

Total number of pages comprising cover sheet, attachments and document: 4

Mail documents to be recorded with required cover sheet information to:  
Commissioner of Patents and Trademarks  
Box Assignments  
Washington, D.C. 20231

sf-1366121

## ASSIGNMENT

WHEREAS, Concorde Solutions, Inc. a Delaware corporation (hereinafter "assignor"), is the sole and exclusive owner, by assignment, of the United States Patent Application Serial No. 09/360,103 filed July 23, 1999, entitled "COMPUTER PROGRAMMING OBJECT EXTERNALIZATION", and the inventions described therein; and

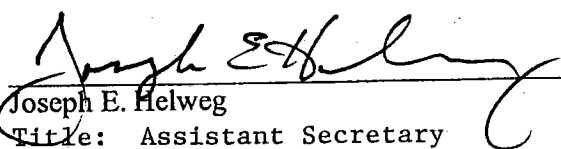
WHEREAS, Bank of America Corporation, a corporation of Delaware (hereinafter "assignee"), is desirous of acquiring the right, title and interest in, to and under said Patent application and the inventions covered thereby:

NOW, THEREFORE, in consideration of and in exchange for the sum of One Dollar (\$1.00) to be paid by assignee and other good and valuable consideration, the receipt of which is hereby acknowledged, assignor has sold, assigned, and transferred, and does hereby sell, assign, and transfer the entire right, title and interest in and to the above-mentioned inventions, application for Letters Patent, and any and all applications for Letters Patent in the United States of America and in all foreign countries and in all Patents in the United States of America and all foreign countries which may be granted therefor and thereon, and in and to any and all divisions, continuations, and continuations-in-part of said application, or reissues or extensions of said Letters Patent or Patents, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by the said assignees, for their own use and the use of their successors, legal representatives and assigns, to the full end of the term or terms for which Letters Patent or Patents, may be granted, as fully and entirely as the same would have been held and enjoyed by the assignors, had this sale and assignment not been made.

AND for the same consideration, the said assignor hereby covenants and agrees to and with the assignee its successors, legal representatives and assigns, that, at the time of execution and delivery of these presents, the said assignor is the sole and lawful owner of the entire right, title and interest in and to the said inventions and the application for Letters Patent above-mentioned, and that the same are unencumbered and that the said assignor has good and full right and lawful authority to sell and convey the same in the manner herein set forth.

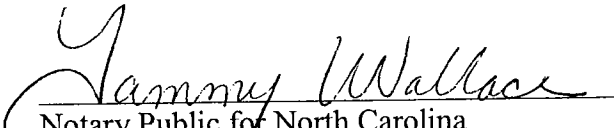
AND assignor hereby authorizes and requests the Commissioner of Patents and Trademarks to issue any and all Letters Patent or Patents of the United States on said inventions or resulting from said applications and any continuations, divisionals and reissues thereof to assignee as assignee of the entire interest, and hereby covenants that it has full right to convey the entire interest herein assigned, and that it has not executed, and will not execute, any agreements inconsistent herewith.

8/2/02  
Date

  
Joseph E. Helweg  
Title: Assistant Secretary

United States of America     )  
State of North Carolina     )  
County of Mecklenburg     )

On this 2<sup>nd</sup> day of August, 2002, before me personally came Joseph E. Helweg, Assistant Secretary, to me known to be the individual described in and who executed the foregoing assignment of U.S. Application No. 09/132,813 and Japanese Application No. 11-228945, and acknowledged execution of the same.

  
Notary Public for North Carolina

**My Commission Expires April 04, 2006**

SEAL

**BANK OF AMERICA CORPORATION  
CERTIFICATE OF SECRETARY**

The undersigned, ALLISON L. GILLIAM, Assistant Secretary of Bank of America Corporation, a Delaware corporation (herein the "Corporation"), does hereby certify:

1. That she is the duly elected, qualified and acting Assistant Secretary of the Corporation and has the custody of the corporate records, minutes and corporate seal.

2. That the following named person has been properly designated, elected and assigned to the office in the Corporation as indicated below and that such person holds such office at this time.

<u>Name</u>	<u>Title</u>
Michael A. Springs	Assistant General Counsel

3. That the title Assistant General Counsel is equal to the title Senior Vice President.

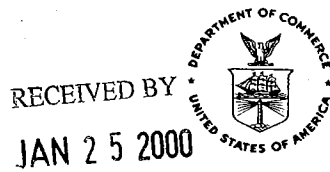
4. That the following is a true and complete copy of Article IX, Section 1 of the Bylaws of said Corporation and the same is in full force and effect as of the date hereof:

Section 1. Execution of Instruments. All agreements, indentures, mortgages, deeds, conveyances, transfers, contracts, checks, notes, drafts, loan documents, letters of credit, master agreements, swap agreements, guarantees, certificates, declarations, receipts, discharges, releases, satisfactions, settlements, petitions, schedules, accounts, affidavits, bonds, undertakings, proxies and other instruments or documents may be signed, executed, acknowledged, verified, attested, delivered or accepted on behalf of the Corporation by the Chairman of the Board, the Chief Executive Officer, the President, any Vice Chairman, any Division President, any Managing Director, any Vice President, any Assistant Vice President, or any individual who is listed on the Corporation's Officer's payroll file in a position equal to any of the aforementioned officer positions, or such other officers, employees or agents as the Board of Directors or any of such designated officers or individuals may direct. The provisions of this Section 1 are supplementary to any other provision of these Bylaws and shall not be construed to authorize execution of instruments otherwise dictated by law.

IN WITNESS WHEREOF, I have hereupon set my hand and affixed the seal of the Corporation as of this 25<sup>th</sup> day of October, 2001.

(SEAL)

Allison L. Gilliam  
Assistant Secretary



**UNITED STATES DEPARTMENT OF COMMERCE  
Patent and Trademark Office**

ASSISTANT SECRETARY AND COMMISSIONER  
OF PATENTS AND TRADEMARKS  
Washington, D.C. 20231



\*101178890A\*

JANUARY 13, 2000

MORRISON & FOERSTER  
PTAS

MORRISON & FOERSTER LLP  
ARARAT KAPOUYTIAN  
425 MARKET STREET  
SAN FRANCISCO, CA 94105-2482

**UNITED STATES PATENT AND TRADEMARK OFFICE  
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RECORDATION DATE: 10/18/1999

REEL/FRAME: 010315/0859  
NUMBER OF PAGES: 2

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

**ASSIGNOR:**

GUREVICH, MICHAEL N.

DOC DATE: 09/16/1999

**ASSIGNOR:**

AIRAPETIAN, ARAM

DOC DATE: 09/16/1999

**ASSIGNEE:**

CONCORDE SOLUTIONS INC.  
2300 CLAYTON ROAD, SUITE 1150  
CONCORD, CALIFORNIA 94520

SERIAL NUMBER: 09360103  
PATENT NUMBER:

FILING DATE: 07/23/1999  
ISSUE DATE:

JOANN STEWART, EXAMINER  
ASSIGNMENT DIVISION  
OFFICE OF PUBLIC RECORDS

10 21-1999



101178890

U.S. DEPARTMENT OF COMMERCE

COVER SHEET

LY

Patent and Trademark Office  
Docket No. 007532000500

99 OCT 18 AM 11:12

To the Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):  
Michael N. Gurevich and Aram Airapetian

- ☒ Individual(s)      ☐ Association  
☐ General Partnership      ☐ Limited Partnership  
☐ Corporation-State      ☐ Other

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

2. Name and address of receiving party(ies):

Name: Concorde Solutions, Inc.  
 Internal Address:  
 Street Address: 2300 Clayton Road, Suite 1150  
 City: Concord, State: California ZIP: 94520

Additional name(s) & address(es) attached? ☐ Yes ☒ No

3. Nature of conveyance:

- ☒ Assignment      ☐ Merger  
☐ Security Agreement      ☐ Change of Name  
☐ Other:

Execution Date: September 16, 1999

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is:

- A. Patent Application No.(s)      B. Patent No.(s)  
 09/360,103 (filed July 23, 1999)

Additional numbers attached? ☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning document should be mailed:

Ararat Kapouytian  
 Morrison & Foerster LLP  
 425 Market Street  
 San Francisco, California 94105-2482

6. Total number of applications and patents involved: 1

7. Total fee (37 C.F.R. § 3.41): \$40.00

- ☒ Enclosed  
☐ Authorized to be charged to deposit account, referencing Attorney Docket 007532000500

8. Deposit account number: 03-1952

The Commissioner is hereby authorized to charge any fees under 37 C.F.R. § 1.21 that may be required by this paper, or to credit any overpayment to Deposit Account No. 03-1952.

DO NOT USE THIS SPACE

9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Name: Ararat Kapouytian  
 Registration No: 40,044

Signature

Date

Total number of pages comprising cover sheet, attachments and document: 2

Mail documents to be recorded with required cover sheet information to:

U.S. Patent and Trademark Office  
 Office of Public Records  
 Box Assignments  
 Crystal Gateway 4, Room 335  
 Washington, D.C. 20231

10/21/1999 DNGUYEN 00000297 09360103

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40.00 OP

sf-765209



## ASSIGNMENT JOINT

THIS ASSIGNMENT, by Michael N. Gurevich and Aram Airapetian (hereinafter referred to as the assignors), residing at in 1422 Whitecliff Way, Walnut Creek, CA 94596 and 1365 Mt. Pisgah, Apt. 16, Walnut Creek, CA 94596, respectively, witnesseth:

WHEREAS, said assignors have invented certain new and useful improvements in COMPUTER PROGRAMMING OBJECT EXTERNALIZATION, set forth in an application for Letters Patent of the United States, bearing Serial No. 09/360,103 and filed on July 23, 1999, and

WHEREAS, Concorde Solutions, Inc., a corporation duly organized under and pursuant to the laws of Delaware and having its principal place of business at 2300 Clayton Road, Suite 1150, Concord, California 94520 (hereinafter referred to as the assignee) is desirous of acquiring the entire right, title and interest in and to said inventions and said application for Letters Patent of the United States, and in and to any Letters Patent or Patents, United States or foreign, to be obtained therefor and thereon:

NOW, THEREFORE, in consideration of One Dollar (\$1.00) and other good and sufficient consideration, the receipt of which is hereby acknowledged, said assignors have sold, assigned, transferred and set over, and by these presents do sell, assign, transfer and set over, unto said assignee, its successors, legal representatives and assigns, the entire right, title and interest in and to the above-mentioned inventions, application for Letters Patent, and any and all Letters Patent or Patents in the United States of America and all foreign countries which may be granted therefor and thereon, and in and to any and all divisions, continuations and continuations-in-part of said application, or reissues or extensions of said Letters Patent or Patents, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by said assignee, for its own use and the use of its successors, legal representatives and assigns, to the full end of the term or terms for which Letters Patent or Patents may be granted, as fully and entirely as the same would have been held and enjoyed by the assignors, had this sale and assignment not been made.

AND for the same consideration, said assignors hereby covenant and agree to and with said assignee its successors, legal representatives and assigns, that, at the time of execution and delivery of these presents, said assignors are the sole and lawful owners of the entire right, title and interest in and to said inventions and the application for Letters Patent above-mentioned, and that the same are unencumbered and that said assignors have good and full right and lawful authority to sell and convey the same in the manner herein set forth.

AND for the same consideration, said assignors hereby covenant and agree to and with said assignee, its successors, legal representatives and assigns, that said assignors will, whenever counsel of said assignee, or the counsel of its successors, legal representatives and assigns, shall advise that any proceeding in connection with said inventions, or said application for Letters Patent, or any proceeding in connection with Letters Patent for said inventions in any country, including interference proceedings, is lawful and desirable, or that any division, continuation or continuation-in-part of any application for Letters Patent or any reissue or extension of any Letters Patent, to be obtained thereon, is lawful and desirable, sign all papers and documents, take all lawful oaths, and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of Letters Patent for said inventions, without charge to said assignee, its successors, legal representatives and assigns, but at the cost and expense of said assignee, its successors, legal representatives and assigns.

AND said assignors hereby request the Commissioner of Patents to issue said Letters Patent of the United States to said assignee as the assignee of said inventions and the Letters Patent to be issued thereon for the sole use of said assignee, its successors, legal representatives and assigns.

9-16-1999  
Date

Michael N. Gurevich  
Michael N. Gurevich

9-16-1999  
Date

Aram Airapetian  
Aram Airapetian